

March 22, 2022

Dear Dr. Aldrin,

I enthusiastically endorse your project to the EPA, "Survey of Ethylene Oxide in Lake County, Illinois Using Best Testing Practices" that your group is submitting, and agree to support your research inquiries throughout the entirety of the project.

As you may recall, I am an associate Professor at the University of Massachusetts in the Department of Environmental Health Sciences. The work I would perform is external to my primary appointment, and is consistent with my University's policies on outside consultation and engagement. I hold a PhD in Atmospheric Chemistry from Georgia Tech, and a Master of Public Health in Environmental Health from Columbia University. My research is in exposure science, focused mainly on human exposures to airborne contaminants. I am an executive editor of the Journal of Exposure Science and Environmental Epidemiology, and provide national and international service as a member of the Global Air Pollution and Health Technical Advisory Group (GAPH-TAG) to the World Health Organization, and am a member of the CASAC panel on Ozone. I lead an active research lab, where our work is centered on collection of field measurements for various pollutants, and characterization of these results into meaningful conclusions, especially for those that can influence policies. Lastly, I am a skilled communicator of science to the general public, having conducted hundreds of media interviews across a range of air pollution-related news stories over the past 10-12 years.

With respect to your project, I am available for consultation at a flat rate of \$150/hour, and expect to work with you about one day per month (annual total of 100 hours). I will provide your team with expertise and guidance on establishing a mobile sampling platform that can operate in urban environments, and in the presence of specific sources of ethylene oxide, and will assist your team in interpretation of collected results as they arrive. All datasets, and derived research products such as codes and interim datasets, will be furnished to your team. Lastly, I will assist your team to summarize your results to the EPA through descriptive statistics and graphical output, and provide broader engagement for the general public. I am also available for media interviews as needed to support your work.

I wish you the best of luck in your application!



Richard E Peltier, MPH, PhD
Associate Professor